SEQUENCE LISTING

<110> Efendic, Suad

<120> USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION

<130> X-10822A

<150> US 60/024,980
<151> 1996-08-30

<150> US 08/915,918
<151> 1997-08-21

<160> 6

<170> PatentIn version 3.0

<210> 1
<211> 31
<212> PRT
<213> Homo sapiens

<400> 1

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1   5   10   15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
            20   25   30

<210> 2
<211> 31
<212> PRT
<213> Artificial

<220>
<223> synthetic construct

<220>
<221> VARIANT
<222> (1)..(1)
<223> Xaa at position 1 is L-histidine, D-histidine, desamino-
       histidine, 2-amino-histidine, B-hydroxy-histidine,
       homohistidine, alpha-fluoromethyl-histidine, and aplpha-
       methyl-histidine

<220>
<221> VARIANT
<222> (2)..(2)
<223> Xaa at position 2 is Ala, Gly, Val, Thr, Ile, and alpha-
       methyl-Ala

<220>
<221> VARIANT
<222> (15)..(15)
<223> Xaa at position 15 is Glu, Gln, Ala, Thr, Ser, and Gly

```
<220>
<221>  VARIANT
<222>  (21)..(21)
<223>  Xaa at position 21 is Glu, Gln, Ala, Thr, Ser, and Gly


<220>
<221>  VARIANT
<222>  (31)..(31)
<223>  Xaa at position 31 is NH2 and Gly-OH


<400>  2

Xaa Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly
1               5                   10                  15

Gln Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
            20                  25                  30

<210>  3
<211>  28
<212>  PRT
<213>  Artificial

<220>
<223>  synthetic construct

<220>
<221>  VARIANT
<222>  (28)..(28)
<223>  Xaa at position 28 is Lys and Lys-Gly


<400>  3

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1               5                   10                  15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Xaa
            20                  25

<210>  4
<211>  30
<212>  PRT
<213>  Artificial

<220>
<223>  synthetic construct

<220>
<221>  VARIANT
<222>  (19)..(19)
<223>  Xaa at position 19 is Lys or Arg


<220>
<221>  VARIANT
```

<222> (30)..(30)
<223> Xaa at position 30 is Gly-OH or NH2

<400> 4

```
Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
1               5                   10                  15

Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
            20                  25                  30
```

<210> 5
<211> 30
<212> PRT
<213> Artificial

<220>
<223> synthetic construct

<400> 5

```
His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1               5                   10                  15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
            20                  25                  30
```

<210> 6
<211> 4
<212> PRT
<213> Artificial

<220>
<223> synthetic construct

<400> 6

```
Ser Arg Arg Gln
1
```